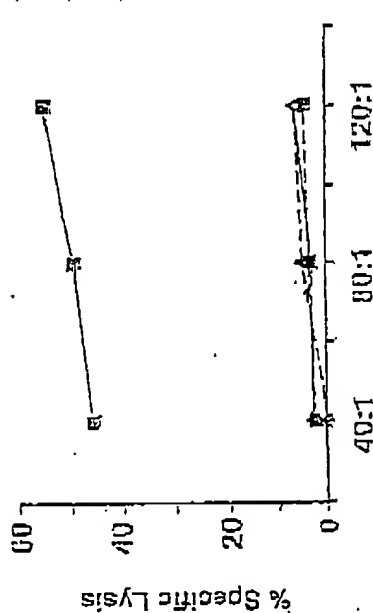


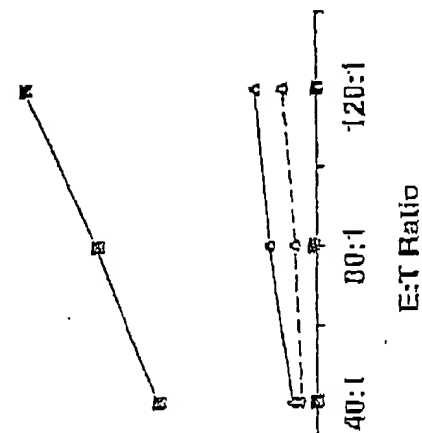
App No.: 09/761,534
 Title: In Vivo CTL Elicitation by Heat Shock Prot.
 Inventors: Qian Huang, et al.

Figure 1A

C57BL/6 (Wild Type)



CD4-/-



B2m-/-

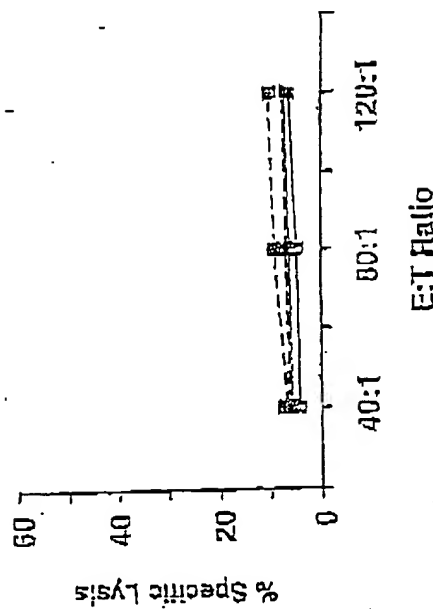


Figure 1C

Effector Cells elicited with:

■ OVA.TBhsp70
 △ OVA

Target Cells:

--- T2-K^b
 — T2-K^b+SIINFEKL peptide (e.g., 1×10^{-7} M)

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Inventors: Qian Huang, *et al.*

Figure 2A

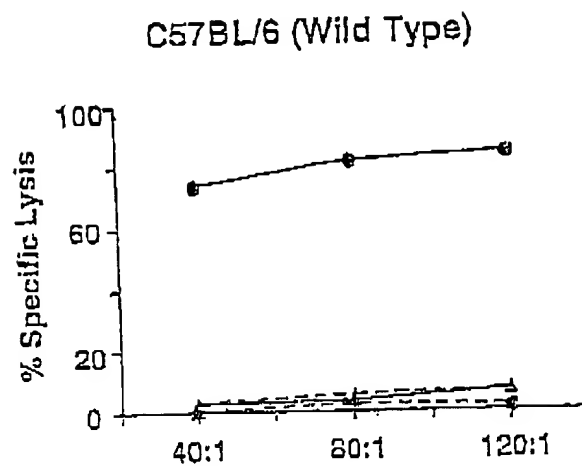
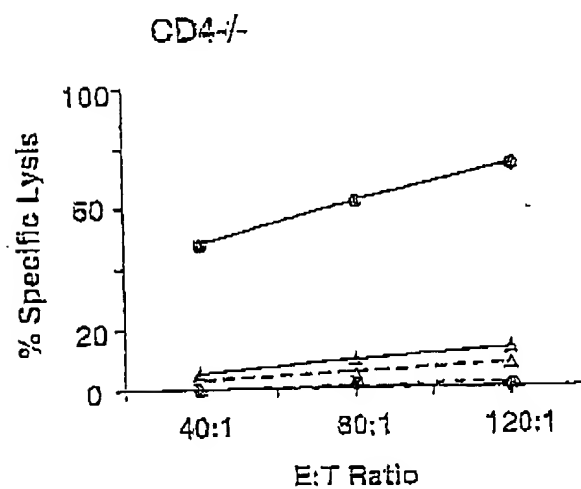


Figure 2B



Effector Cells

elicited with:

● OVA.mhsp70

△ OVA

Target Cells:

--- T2-K^b— T2-K^b+SIINFEKL

App No.: 09/761,534
Title: In Vivo CTL Elicitation by Heat Shock Protein
Inventors: Qian Huang, et al.

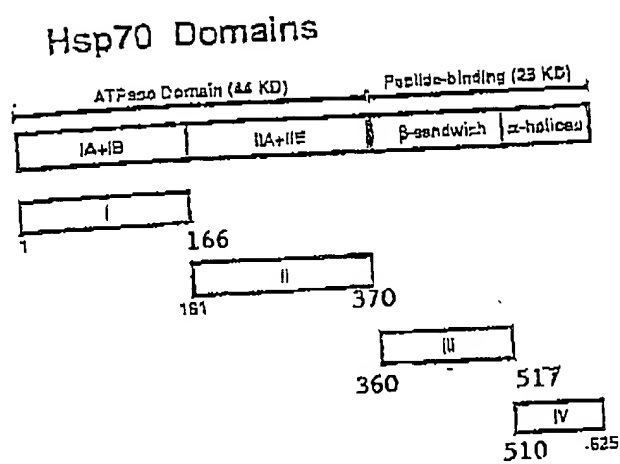


Figure 3

App No. 09/761,534
 Title: *In Vivo* CTL Elicitation by Heat Shock Protein.
 Inventors: Qian Huang, *et al.*

C57BL/6

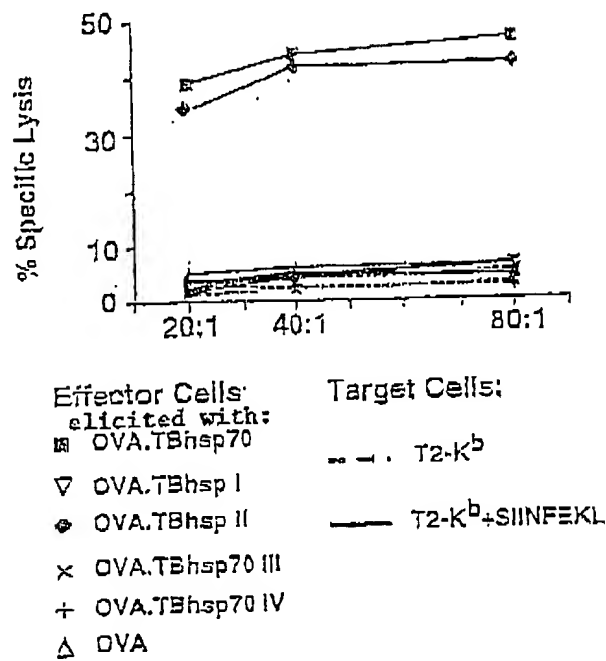


Figure 4

App No.: 09/761,534
Title: In Vivo CTL Elicitation by Heat Shock Protein.
Inventors: Qian Huang, *et al.*

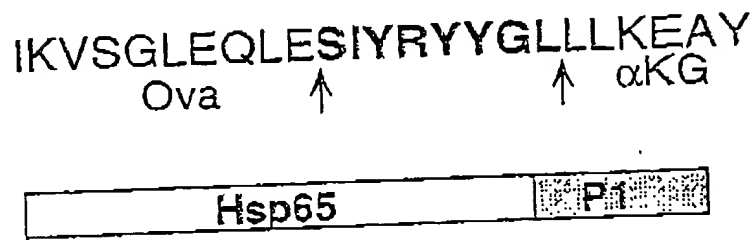


Figure 5A

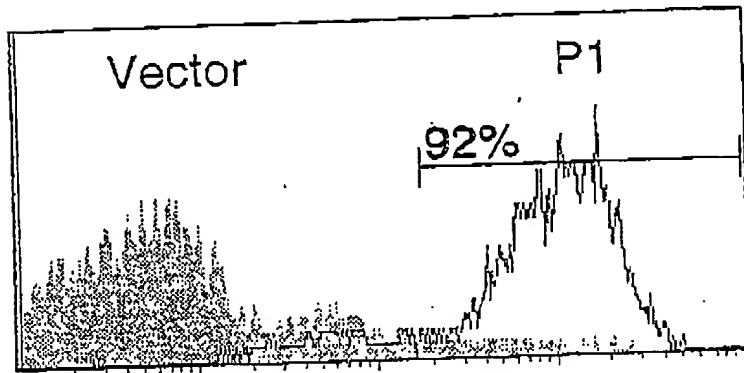


Figure 5B

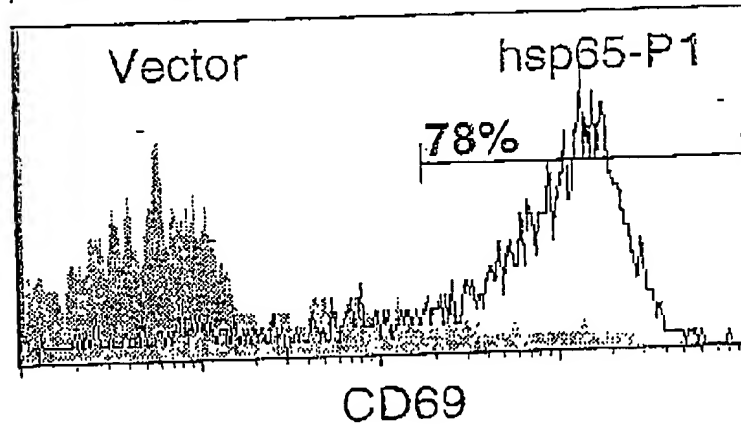
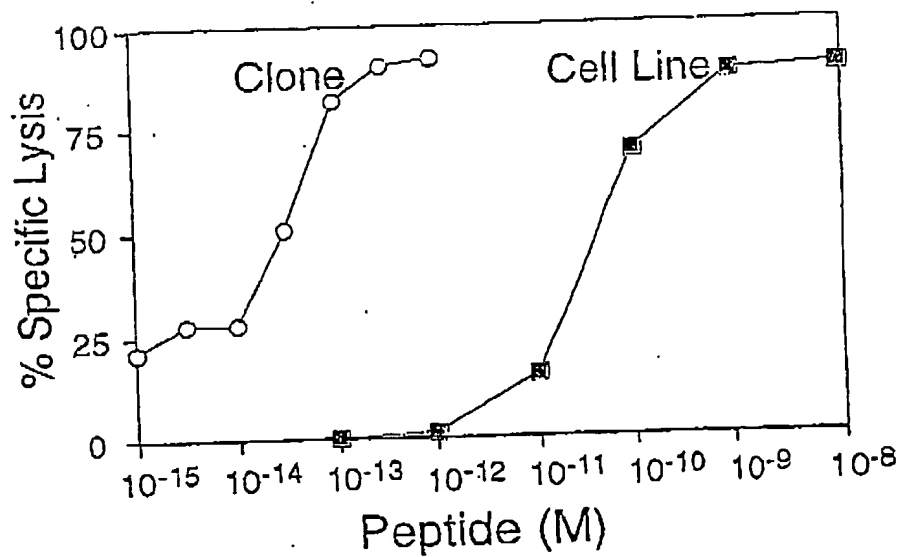


Figure 5C



App No.: 09/761,534
 lc: In Vivo CTL Elicitation by Heat Shock
 inventors: Qian Huang, et al.

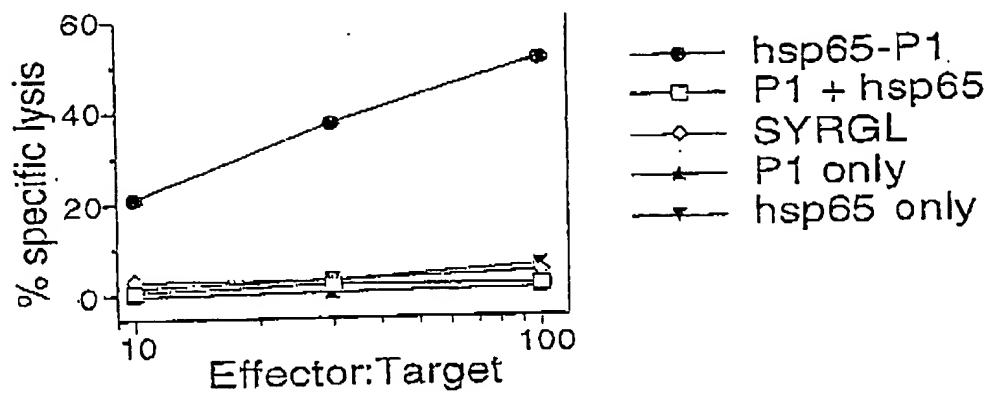


Figure 6A

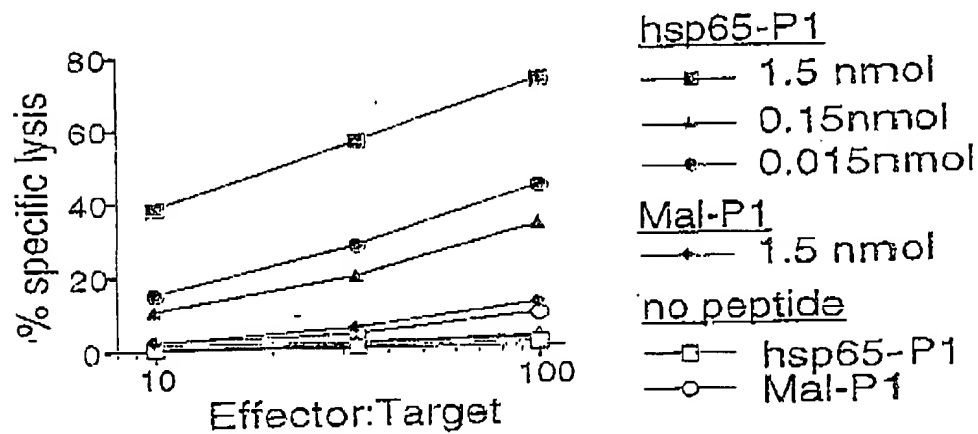


Figure 6B

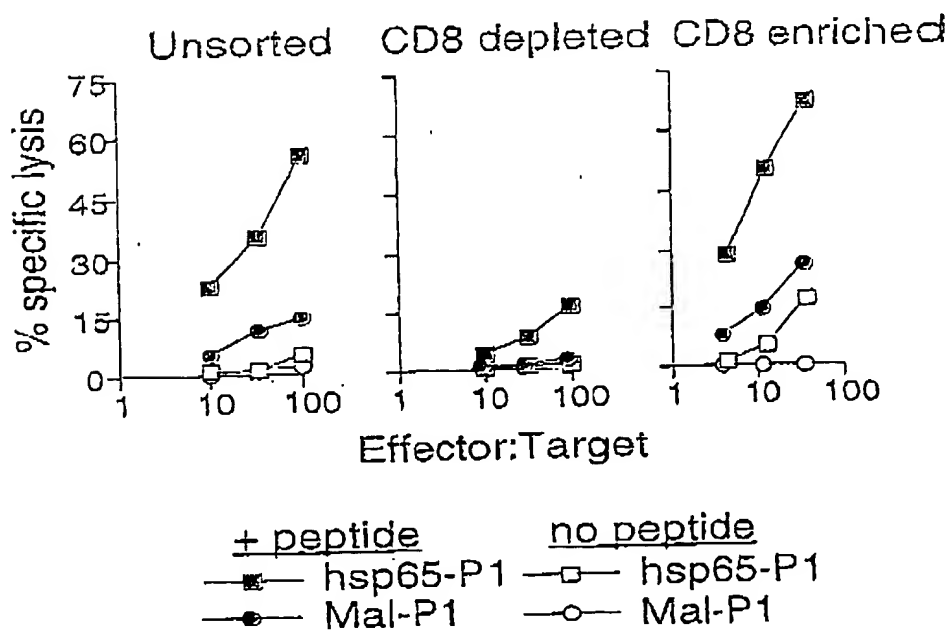


Figure 6C

App No.: 09/761,534
Title: In Vivo CTL Elicitation by Heat S Protein.
Inventors: Qian Huang, *et al.*

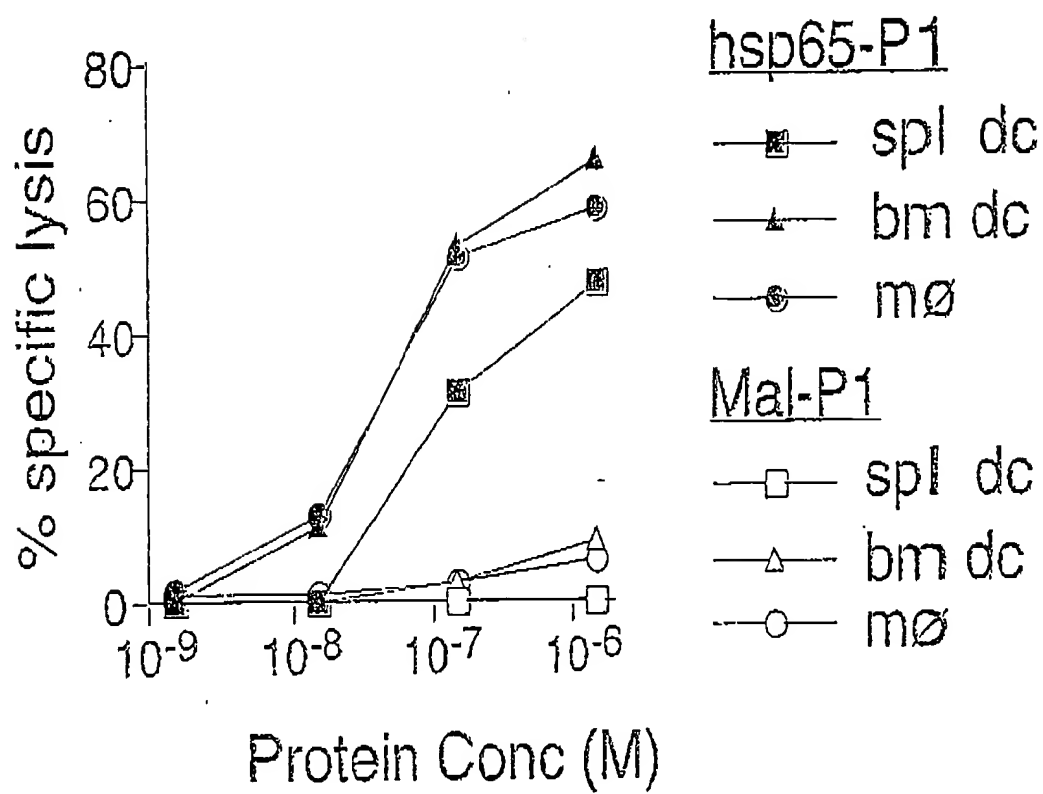


Figure 7

Apn No.: 09/761,534
 T In Vivo CTL Elicitation by Heat Shock Pr ...
 Inventors: Qian Huang, *et al.*

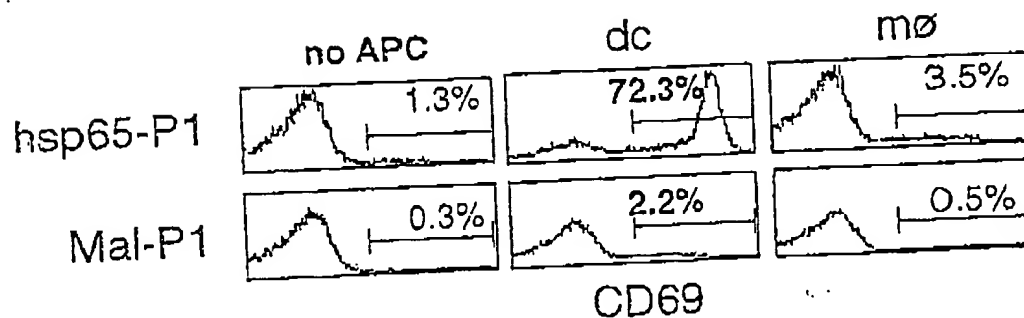


Figure 8A

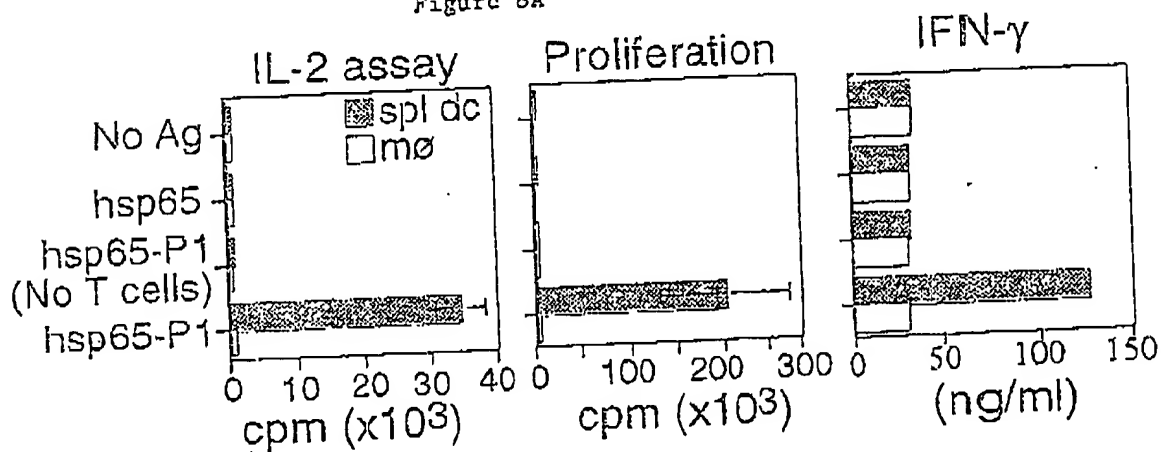


Figure 8B

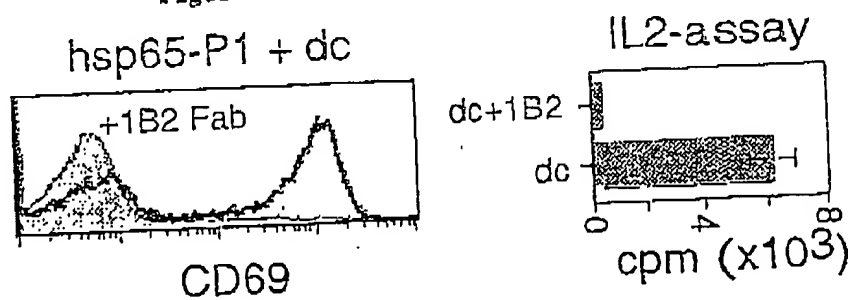


Figure 8C

App No.: 09/761,534
 Title: In Vivo CTL Elicitation by Heat Shock Protein.
 Inventors: Qian Huang, et al.

Figure 9A

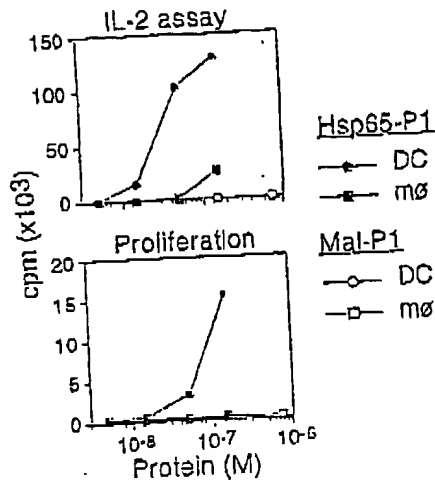


Figure 9B

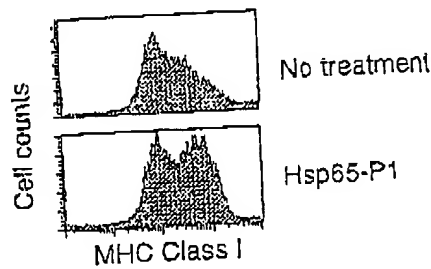
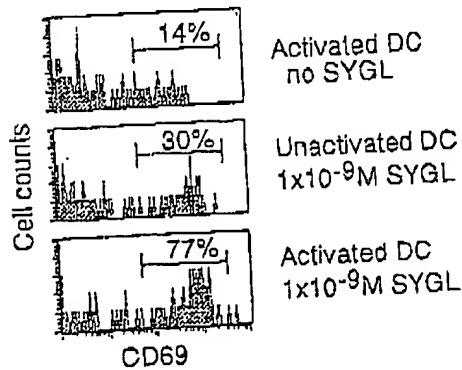


Figure 9C



No.: 09/761,534
 Title: In Vivo CTL Elicitation by Heat Shock
 Inventors: Qian Huang, et al.

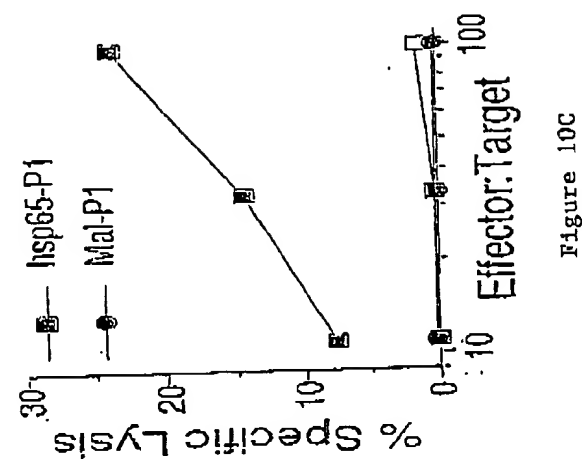


Figure 10C

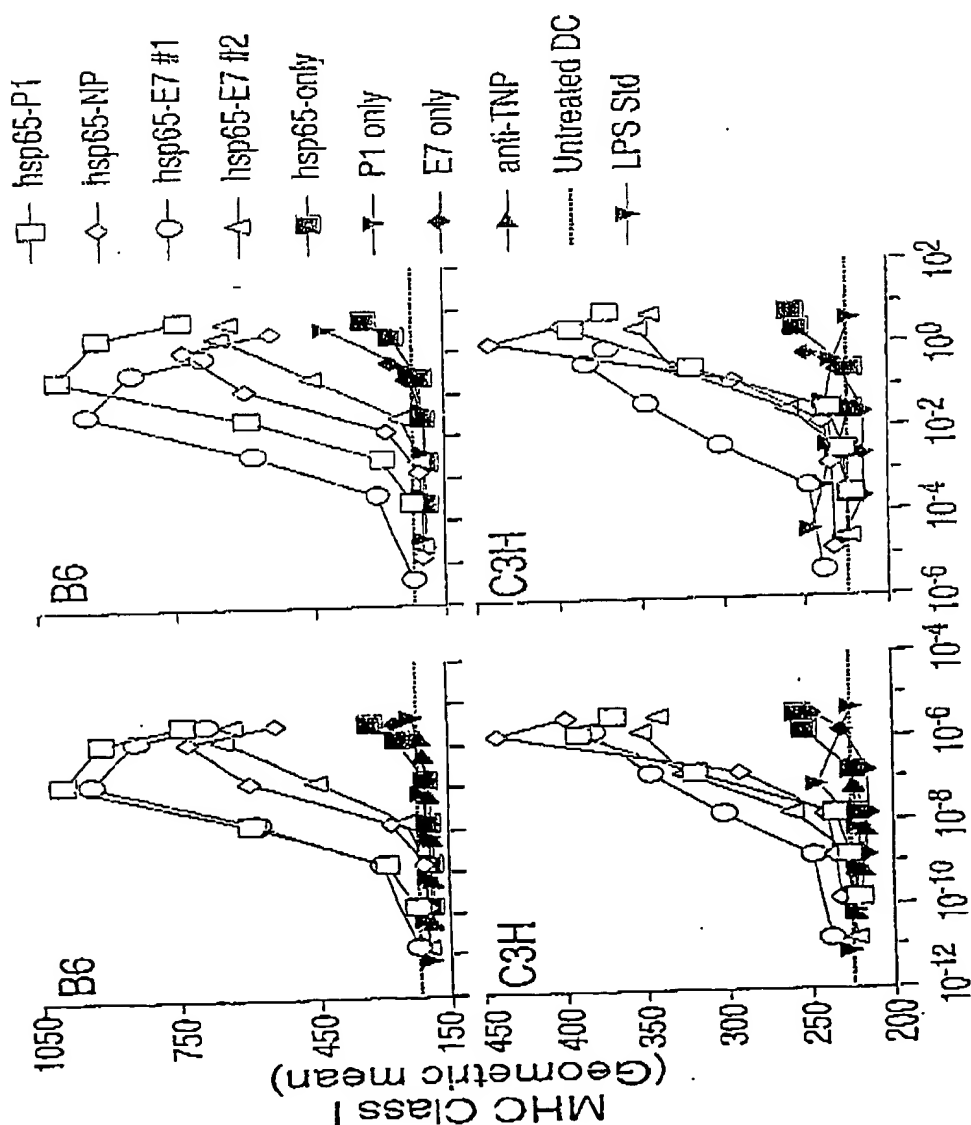


Figure 10B

Figure 10A

No.: 09/761,534
 In Vivo CTL Elicitation by Heat Shock P. ...
 Inventors: Qian Huang, et al.

ATG GCT CGT GCG GTC GGG ATC GAC CTC GGG ACC ACC AAC TCC GTC GTC TCG GTT CTG GAA
 GGT GGC GAC CCG GTC GTC GTC GCC AAC TCC GAG GGC TCC AGG ACC ACC CCG TCA ATT GTC
 GCG TTC GCC CGC AAC GGT GAG GTG CTG GTC GGC CAG CCC GCC AAG AAC CAG GCA GTG ACC
 AAC GTC GAT CGC ACC GTG CGC TCG GTC AAG CGA CAC ATG GGC AGC GAC TGG TCC ATA GAG
 ATT GAC GGC AAG AAA TAC ACC GCG CCG GAG ATC AGC GCC CGC ATT CTG ATG AAG CTG AAG
 CGC GAC GCC GAG GCC TAC CTC GGT GAG GAC ATT ACC GAC GCG GGT ATC ACG ACG CCC GCC
 TAC TTC AAT GAC GCC CAG CGT CAG GCC ACC AAG GAC GCC GGC CAG ATC GCC GGC CTC AAC
 GTG CTG CCG ATC GTC AAC GAG CCG ACC CGC GCC GCG CTG GCC TAC GGC CTC GAC AAG GGC
 GAG AAG GAG CAG CGA ATC CTG GTC TTC GAG TTG GGT GGT GGC ACT TTC GAC GTT TCC CTG
 CTC GAG ATC GGC GAG GGT GTG GTT GAG GTG CGT GCC ACT TCG GGT GAC AAC CAG CTC GGC
 GGC GAC GAC TGG GAG CCG CGC CTC GTC GAT TCG CTC GTG GAC AAG TTC AAG GGC ACC AGC
 GGC ATG GAT CTG ACC AAG GAG AAG ATG GGC AAG CAG CGC CTG GGC GAA GCC GGC GAG AAG
 GCA AAG ATC GAG GTC AGT TCG AGT GAG TCC ACC TCG ATC AAC CTC GGC TAC ATC ACC GTC
 GAC GGC GAC AAG AAC CCG TTG TTC TTA GAG GAG CAG CTG ACC CGC GGC GAG TTC GAT GGC
 ATC ACT CAG GAC GTC CTG GAC CGC ACT CGC AAG CCG TTG CAG TCG GTG ATC GGT GAC ACC
 GGC ATT TCG GTG TCG GAG ATC GAT CAC GTT GTG CTC GTG GGT GGT TCG ACC GGC ATG CCG
 GGC GTG ACC GAT CTG GTC AAG GAG CTC ACC GGC GGC AAG GAA CCC AAC AAG GGC GTC AAG
 GGC GAT GAG GTG GTC GGC GTG GGA GGC GGT CTG CAG GGC GGC GTC CTC AAG GGC GAG GTG
 AAA GAC GTT CTG CTC CTT GAT GTT ACC CCG CTG AGC CTG GGT ATC GAG ACC AAG GGC GAG GTT
 GTG ATG ACC AGC CTC ATC GAG CGC AAC ACC ACG ATC CCC ACC AAG CCG TCG GAG ACT TTC
 ACC ACC GCC GAC GAC AAC CAA CCG TCG GTG CAG ATC CAG GTC TAT CAG GGC GAG CGT GAG

Figure 11

GAG AAG GAG CAG CGA ATC CTG GTC TTC GAC TTG GGT GGT GGC ACT TTC GAC GTT TCC CTG
 CTG GAG ATC GGC GAG GGT GTG GTT GAG GTC CGT GCC ACT TCG GGT GAC AAC CAC CTC GGC
 GGC GAC GAC TGG GAC CAG CCG GTC GTC GAT TGG CTG GTG GAC AAG TTC AAG GGC ACC AGC
 GGC ATG GAT CTG ACC AAG GAC AAG ATG GCG ATG CAG CCG CTG CCG GAA GCC GGC GAG AAG
 GCA AAG ATC GAG CTG AGT TCG AGT CAG TCC ACC TCG ATC AAC CTG CCC TAC ATC ACC GTC
 GAC GCC GAC AAG AAC CCG TTG TTC TTA GAC GAG CAG CTG ACC CCG GCG GAG TTC CAA CCG
 ATC ACT CAG GAC CTG CTG GAC CCG ACT CGC AAG CCG TTC CAG TCG GTG ATC GGT GAC ACC
 GGC ATT TCG GTG TCG GAG ATC GAT CAC GTT GTG CTC GTG GGT GGT TCG ACC CCG ATG CCC
 GCG GTG ACC GAT CTG GTC AAG GAA CTC ACC GGC GGC AAG GAA CCC AAC AAG GGC GTC AAC
 CCC GAT GAG GTT GTC GCG GTG GGA GCC GCT CTG CAG GCC GGC GTC CTC AAG GGC GAG GTG
 AAA GAC GTT CTG CTG CTT GAT GTT ACC CCG

Figure 12

Am No.: 09/761,534
 1, In Vivo CFI Elicitation by Heat Shock P1
 Inventors: Qian Huang, et al.

ATG GCC AAG AAC ACG GCG ATC GGC ATC GAC CTG GGC ACC ACC TAC TCG TGC GTG GGC GTG
 TTC CAG CAC GGC AAG GTG GAG ATC ATC GCC AAC GAC CAG GGC AAC CGC ACC ACC CCC AGC
 TAC GTG GCC TTC ACC GAC ACC GAG CGC CTC ATC GGG GAC GCC GCC AAG AAC CAG GTG GCG
 CTG AAC CCG CAG AAC ACC GTG TTC GAC GCG AAG CGG CTG ATC GGC CGC AAG TTC GGC GAT
 GCG GTG GTG CAG TCC GAC ATG AAG CAC TGG CCC TTC CAG GTG GTG AAC GAC GGC GAC AAG
 CCC AAG GTG CAG GTG AAC TAC AAG GGC GAG AGC CGG TCG TTC TTC CCG GAG GAG ATC TCG
 TCC ATG GTG CTG ACG AAG ATG AAG GAG ATC GCT GAG GCG TAC CTG GGC CAC CCG GTG ACC
 AAC GCG GTG ATC ACG GTG CCC GCC TAC TTC AAC GAC TCT CAG CCG CAG GCC ACC AAG GAC
 GCG GGC GTG ATC GCC GGT CTA AAC GTG CTG CCG ATC ATC AAC GAG CCC ACG GCG GCC GCC
 ATC GCC TAC GGG CTG GAC CCG ACC GGC AAG GCG GAG CCG AAC GTG CTG ATC AAC GAG CCC ACG GCG GCC GCC
 GCG GGC GGC AAG TTC CAC CTG TCG ATC CTG ACG ATC GAC GAC GGC ATC TTC GAG GTG AAG
 GCG ACC GGC GGC GAG ACC CAC CTG GCG GAG GAG GAC TTC GAG AAC CCG CTG GTG ACG CAC
 TTC GTG GAG GAG TTC AAG AGG AAG CAC AAG AAG GAG ATC AAG CAG AAG AAG CCG GCG GTG
 GCG CCG CTG CCG ACG GCG TGT GAG AGG GCG AAG AAG ACG CTG TCG TCG ACG ACC CAG GCG
 ACG CTG GAG ATC GAC TCT CTG CTC GAG GCG ATC GAG TTC TAC ACG TTC ATC AAG CCG GCG
 GCG TTC GAG CTG TCG TCG GAG CTG TTC CCG GCG AAG CTG GAG CCG GTG GAG AAG GCG
 CTC GCG GAG GCG AAG ATG GAG AAG GCG CAG ATC CAG GAC CTG GTG CTG GTG GCG GCG TCG
 ACG CCG ATC CCG AAG GTG CAG AAG CTG CCG GAG GAC TTC TCG AAC GCG CCG GCG ATC CTG
 AAG AGC ATC AAG CCG GAG GCG GTG GCG CAG GAG CTG CTG GAG CTG GCG CCG CTG TCG
 ATG GCG GAG AAG TCG GAG AAC GTG CAG GAG CTG CTG GAG CTG GCG CCG CTG TCG
 CTG GCG CTG GAG ACT GCG GCG GCG GTG ATG ACG GCG CTC ATC AAG CCG AAC TCC ACC ATC
 CCC ACC AAG CAG ACG CAG ACC TTC ACC ACC TAC TCG GAC AAC CAG CCC GCG GTG CTG ATC

Figure 13A

CAG GTG TAC CAG GGC GAG AGG GCC ATG ACG CGC GAC AAC AAC CTG CTG GGC CGC TTC GAG
 CTG AGC GGC ATC CCG CCG GCG CCC AGG GCG GTC CCG CAG ATC GAG GTG ACC TTC GAC ATC
 GAC GCC AAC GGC ATC CTG AAC GTC ACG GCC ACC GAC AAG AGC ACC GCG AAG GCC AAC AAG
 ATC ACC ATC ACC AAC GAC AAG GGC CGC CTG AGC AAG GAG GAG ATC GAG CGC ATG GTG CAG
 GAG GCC GAG CGC TAC AAG GCC GAG GAC GAG GTG CAG CGC GAC AGG GTG CCG GCC AAG AAC
 GCG CTC GAG TCC TAT GCC TTC AAC ATG AAG AGC GCG GTG GAG GAC GAG GGT CTC AAG GCG
 AAG CTC AGC GAG GCT GAC AAG AAG AAG GTC CTG GAC AAG TGC CAG GAG GTC ATC TCC TGG
 CTG GAC TCC AAC ACG CTG GCC GAC AAG GAG GAG TTC GTG CAG AAG CCG GAG GAG CTG GAG
 CCG GTG TGC AGC CCC ATC ATC AGT GGG CTG TAC CAG GGT GCG GGT GCT CCT GGG GCT GGG
 GCG TTC GGG CCG CAG GCG CCG CCG AAA GGA GCC TCT GCG TCA GGA CCC ACC ATC GAG GAG
 GTG GAT TAG

Figure 13B

AGG GCG GAG CGC AAC GTG CTC ATC TTC GAC CTG
 GCG GCG GCG ACG TTC GAC GTG TCC ATC CTG ACG ATC GAC GAG GGC ATC TTC GAG GTG AAG
 GCC ACG GCG GCG GAC ACG CAC CTG GGA GGG GAG GAC TTC GAC AAC CCG CTG GTG AGC CAC
 TTC GTG GAG GAG TTC AAG AGG AAG CAC AAG AAG GAC ATC AGC CAG AAC AAG CCG GCG GTG
 CCG CCG CTG CGC ACG GCG TGT GAG AGG GCC AAG AGG ACG CTG TCG TCC AGC ACC CAG GCC
 AGC CTG GAG ATC GAC TCT CTG TTC GAG GGC ATC GAC TTC CCG GGG ACG CTG GAG CCC GTG GAG AAG GCG
 CCG TTC GAA GAG CTG TGC TCG GAC CTG TTC CCG GCG ACG CTG GTG CTG GTG GCG GCG TCG
 CTG CCG GAC GCC AAG ATG GAC AAG GCC CAG ATC CAC GAC CTG GTG CTG GTG GCG GCG GAG CAG CTG AAC
 ACG CGC ATC CCC AAG GTG CAG AAG CTG CTG CAG GAC TTC TTC AAC GCG GCG GAG CAG GCG GCC ATC CTG
 AAG AGC ATC AAC CCG GAG GCG GTG GCC TAC GGG CCG GCG GTG CAG GCG GCC ATC CTG
 ATG GGG GAC AAG TCG GAG AAC GTG CAG GAC CTG CTG CTG GAG GTG GCG CCC

Figure 14